Given the tree to the right, identify the ff.:

- 6. Children of node 16. 13, 6, 60
- 7. Parent of node 1. 7
- 8. Siblings of 23. No sibling
- 9. Ancestors of 9. 4, 12, 7, 22
- 10. Descendants of 16 13, 6, 60, 23, 21
- 11. Leaves. 23, 6, 21, 20, 9, 1
- 12. Non-leaves. 22, 16, 7, 13, 60, 12, 4

Given the tree to the right, identify the ff.:

- 13. Depth of node 4. Depth 3
- 14. Degree of the tree. Degree 2
- 15. Height of the tree. Height 4
- 16. Weight of the tree. Weight 5
- 17. Is the tree a binary tree? Yes

Given the tree to the right, identify the ff.:

- 18. Removing 6, is the tree a full binary tree? Yes
- 19. Removing 6, is the tree a complete binary tree? No
- 20. Is a full binary tree complete? No

Given the tree to the right, identify the ff.:

- 21. Is a complete binary tree full? Yes
- 22. How many leaves does a complete n-ary tree of height h have? \mathbf{n}^h or \mathbf{n}^4
- 23. What is the height of a complete n-ary tree with m leaves? $log_n m$ or $log_n 6$
- 24. What is the number of internal nodes of a complete n-ary tree of height h? $(n^h 1)/(n-1)$ or $(n^4 1)/(n-1)$
- 25. What is the total number of nodes a complete n-ary tree of height h have? $(2^h 1)$ or $(2^4 1) = 16$